

An ion chromatography system having a suppressor means which is provided with a main body for accommodating an ion exchanger ready for measuring; a chamber for accommodating a virgin ion exchanger, and an automatic exchanging means which discharges a used ion exchanger from the main body after an optional number of times of measurement and supplies the ion exchanger accommodated in the chamber to the main body.

10           The ion chromatography system can measure a slight  
amount of ion species in a sample at a high sensitivity  
by conducting continuously a large number of times of  
measurement while the discharge of waste liquid can be  
minimized without causing a reduction of suppressing  
15 effect and a reduction of resolution performance of a  
desired ion species.